

REMARKS

By this Amendment, the independent claims have been amended to recite more specific aspects of the invention.

Applicants would like to thank Examiner Skowronek for the courtesies extended to Applicants undersigned representative during the 29 May 2008 interview. During the interview, proposed amendments were discussed and the Examiner kindly indicated that the proposed amendments appeared to overcome the objections of record, however a new search would be required. A 35 U.S.C. §101 rejection of Claim 16 was also discussed, however no agreement was reached.

Regarding the rejection of Claim 16, Applicants respectfully submit that contrary to the Office Action's assertions, the displayed object on a data display device is functional, in that the displayed object displays the various types of information on the data display device as recited in Claim 16.

Accordingly, Applicants believe Claim 16 is in full compliance with 35 U.S.C. § 101.

In particular, amended claim 1 is directed toward a graph displaying area and a data type displaying area, the time-series trends for the plurality of biological information are displayed on the same graph displaying area and the biological information determined as the abnormal biological information as displayed in association with information relating to the source of the biological information. Furthermore, claim 1 recites that the text as the source of the biological information is displayed on the data type displaying area in the same displaying style, (e.g., color or brightness), as a time-series trend for biological information which is determined as the abnormal biological information. Support for this amendment can at least be found in Fig. 1B, and lines 20-29 of page 14.

In contrast, Ascher is directed toward a portable electrocardiogram device. Ascher however at least does not disclose "determining whether the obtained biological information is abnormal biological information or not," nor "the text as the source of the biological information is displayed on the data type displaying area in the same displaying style at the time-series trend for biological information which is determined as the abnormal biological information."

Further in contrast, JP787 discloses trends display device for biological information where the biological curve showing biological information determined as abnormal is displayed in a different color from the color used for normal biological information. In JP787, each of the curves showing biological information is distinguished by the color of the curve. However, in JP787, there is no teaching, suggestion or disclosure of “the data type displaying area being provided in addition to the graph display area and the text as a source of the biological information is displayed on the data type displaying area in the same displaying style as the time-series trend for biological information which is determined as the abnormal biological information.”

One exemplary advantage the present invention has over JP787, is that in JP787 it is difficult to judge which biological information is abnormal because only the color of the graph is used for distinguishing biological information.

In contrast, the claimed features of Claim 1 allow it to be easily judged which biological information is abnormal because the source of the abnormal biological information is displayed by text and it is displayed in the same color, etc. as the graph corresponding to the abnormal biological information.

In that Newland and van Weele fail to overcome these deficiencies, Claim 1 is distinguishable from the cited references.

Amended Claim 5 specifies that the time-series trend for biological information judged as abnormal is displayed in a different style from the time-series trend for biological information judged as normal, while the time-series trends for biological information judged as normal while displayed in the same style with each other. This allows, for example, one to easily recognize the abnormal biological information because only the time-series trend of the abnormal biological information is in a different style.

JP787 displays a time-series trends in different colors for distinguishing from each other even when the biological information is judged as normal. Therefore, in JP787, it is difficult to recognize abnormal biological information.

None of the cited references teach, suggest or disclose the claimed feature.

Claim 6 recites that the displaying means further displays a source for obtaining biological information at an upper portion of the time-series trend when the biological information exceeds a certain level, and displays a source for obtaining biological

information at a lower portion of the time-series trend when the biological information falls below a certain level.

The features of Claim 6 are neither taught, suggested nor disclosed in any of the cited references.

Claim 9 recites that the displaying means further displays at least the inner indication area in association with biological information that is determined as the abnormal biological information when current biological information is determined as the abnormal biological information, and displays at least the outer indication area in association with the biological information determined as the abnormal biological information when the biological information is determined as abnormal biological information in the past.

The cited references do not teach, suggest or disclose this feature.

In that comparable arguments can be made for similar features in the various corresponding claims, Applicants believe all claims are patentably distinguishable from the references of record.

With all rejections having been overcome, Applicants respectfully submit the application is in condition for allowance. Should the Examiner believe that anything further is desirable in order to place the application in even better condition for allowance, the Examiner is encouraged to contact Applicants undersigned representative at the telephone number listed below.

Based on the foregoing, Applicants believe that all pending claims are in condition for allowance and such disposition is respectfully requested. In the event that a telephone conversation would further prosecution and/or expedite allowance, the Examiner is invited to contact the undersigned.

Respectfully submitted,
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